

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number  
**WO 2005/077280 A1**

(51) International Patent Classification<sup>7</sup>: **A61B 17/115**

(74) Agents: **WILLIAMS POWELL** et al.; Morley House,  
26-30 Holborn Viaduct, London EC1A 2BP (GB).

(21) International Application Number:  
PCT/GB2005/000437

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 9 February 2005 (09.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0402796.7 9 February 2004 (09.02.2004) GB

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): **ANSON MEDICAL LIMITED** [GB/GB]; Lombard Medical House, 4 Trident Park, Basil Hill Road, Didcot, Oxfordshire OX11 7HJ (GB).

(72) Inventors; and

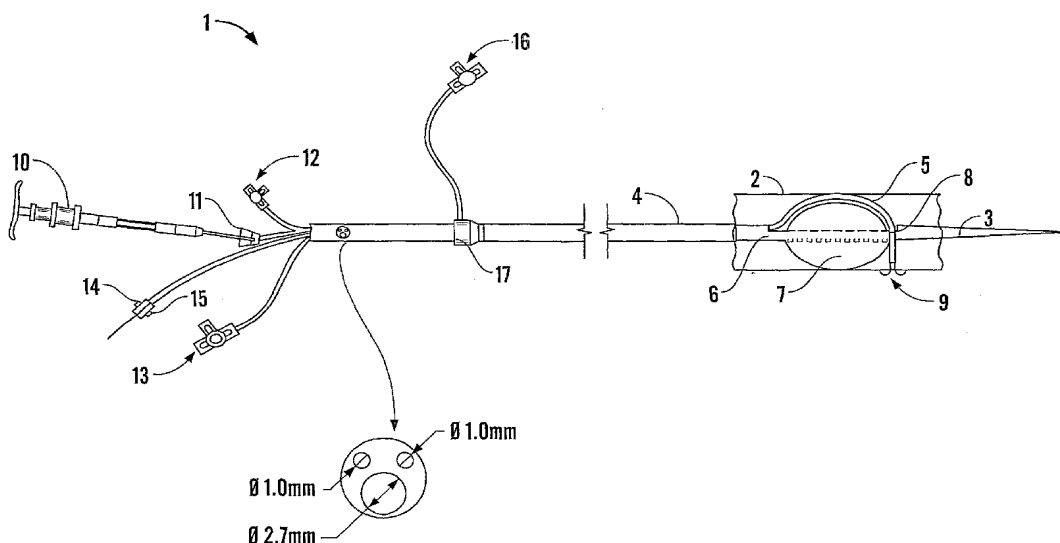
(75) Inventors/Applicants (*for US only*): **JONES, Anthony** [GB/GB]; Lombard Medical House, 4 Trident Park, Basil Hill Road, Didcot, Oxfordshire OX11 7HJ (GB). **KEE-BLE, Duncan** [GB/GB]; Lombard Medical House, 4 Trident Park, Basil Hill Road, Didcot, Oxfordshire OX11 7HJ (GB).

**Published:**

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: AN ENDOLUMINAL SURGICAL DELIVERY SYSTEM



(57) Abstract: A system (1) for delivering a staple (9) to the locus of an artery (2) comprises a delivery conduit (5) for inserting into the lumen of an artery through which conduit a staple can be delivered to the focus, and an elongate element (6) such as a catheter for a balloon (7) for translating axial advancement of the delivery conduit through the artery into movement of the distal end of the delivery conduit away from the longitudinal axis of the artery and towards the artery wall.

WO 2005/077280 A1